# RFID Remote Controller for Visionline



The VingCard Remote Controller is fully compatible with VingCard electronic locking systems and provides access control on common doors, such as vehicle barriers, health clubs, conference suites, staff entrances, guest night entrances and more. Our Remote Controller is an advantageous supplement where regular locks are not suitable. The VingCard Remote Controller supports Mobile Access.
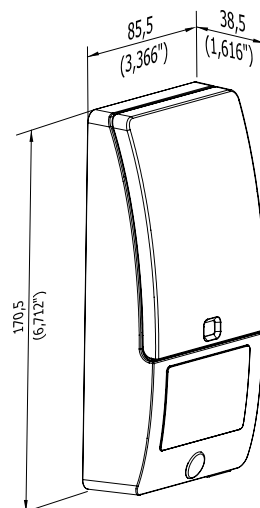
## FEATURES

: Supports Mobile Access.

: Come with a heating element for optimal operation in cold environments (optional to use).

: A standard cover plate is available to cover up old hole patterns.

: Online functionality.

: Fully compatible with Visionline software.

: Remote audit trail for 3000 events.

: Remote cancellation of cards.

: Lock out/block entire user groups.

: Brass front covers are available in Satin- and Polished Chrome and Satin- and Polished Brass for a more exclusive design that match our lock finishes. [1]

: UL-294 certified.

: RFID Specifications:
   - 13,56MHz technology
   - Compatible with the following standards:
       ISO 14443 A (MIFARE)
       ISO 14443 B
       ISO 15693

(1) These covers are not available with BLE compatible readers.
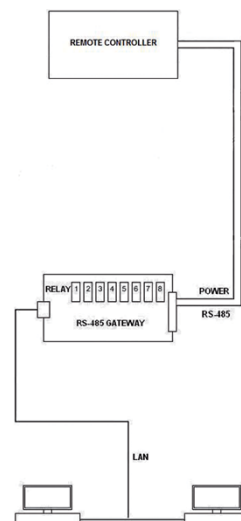
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# TECHNICAL DATA

| | |
|---|---|
| Each complete unit, supplied individually packed, consists of | 1) Remote Controller unit with reader and heating element.<br>2) Gateway<br>3) 20 metres of communication cable for use between remote controller and relay box. |
| Dimensions - surface mounted model | Altura: 170,5 mm / 6,71 polegadas<br>Largura: 85,5 mm / 3,36 polegadas<br>Profundidade: 81mm / 3.18 polegadas |

| Dimensions - flush mounted model | Height | Width | Depth |
|---|---|---|---|
| Behind frame (in wall)<br>Frame<br>Outside frame (in room) | 173 mm / 6,81 inch<br>195 mm / 7,67 inch<br>170,5 mm / 6,71 inch | 88 mm / 3,46 inch<br>110 mm / 4,33 inch<br>85,5 mm / 3,36 inch | 42 mm / 1,65 inch<br>3,5 mm / 0,13 inch<br>41,5 mm / 1,63 inch |

| | |
|---|---|
| Electrical specifications | |
| Supply voltage | 12-24 VDC. |
| Current consumption without heating element (no load) | 150 mA continously |
| Current consumption with heating element (no load) | 1 A continously |
| Recommended cable length from RC to Gateway (without heating element) | 500m/547 yds |
| Recommended cable length from RC to Gateway (12VDC, half power to heating element) | 20m/22 yds |
| Recommended cable length from RC to Gateway (12VDC, full power to heating element) | 10m/11 yds |
| Recommended cable length from RC to Gateway (24VDC, full power to heating element) | 20m/22 yds |
| Current consumption without heating element (no load) | 150 mA continously |
| Current consumption with heating element (no load) | 1 A continously |
| Recommended cable length from RC to Gateway (without heating element) | 500m/547 yds |
| Environmental specifications for card reader: | Minimum: 0 C (without heating element), -30 C (with heating element).<br>Maximum: 50 C (without heating element) 50 C (with heating element).<br>Humidity: Non condensing. |
| Other specifications | Front cover color in RAL 7000<br>Housing color in RAL 9005<br>External power supply must be ordered in addition if needed. |
| Standards & Certifications | European Low Voltage Directive, European EMC Directive, European Radio Equipment Directive, Federal Communications Commission (FCC), Industry Canada (IC), UL-294 |
| IP Rating | IP32 for Remote controller encapsulation.<br>IP56 for RFID reader located inside of cover |

Specification:

85,5 (3,366")  38,5 (1,616")

170,5 (6,712")

Configuration example of Remote Controller in a network::

REMOTE CONTROLLER

RELAY 1 2 3 4 5 6 7 8    POWER

RS-485 GATEWAY    RS-485

LAN

2) Metal covers kits are not available with BLE compatible readers.